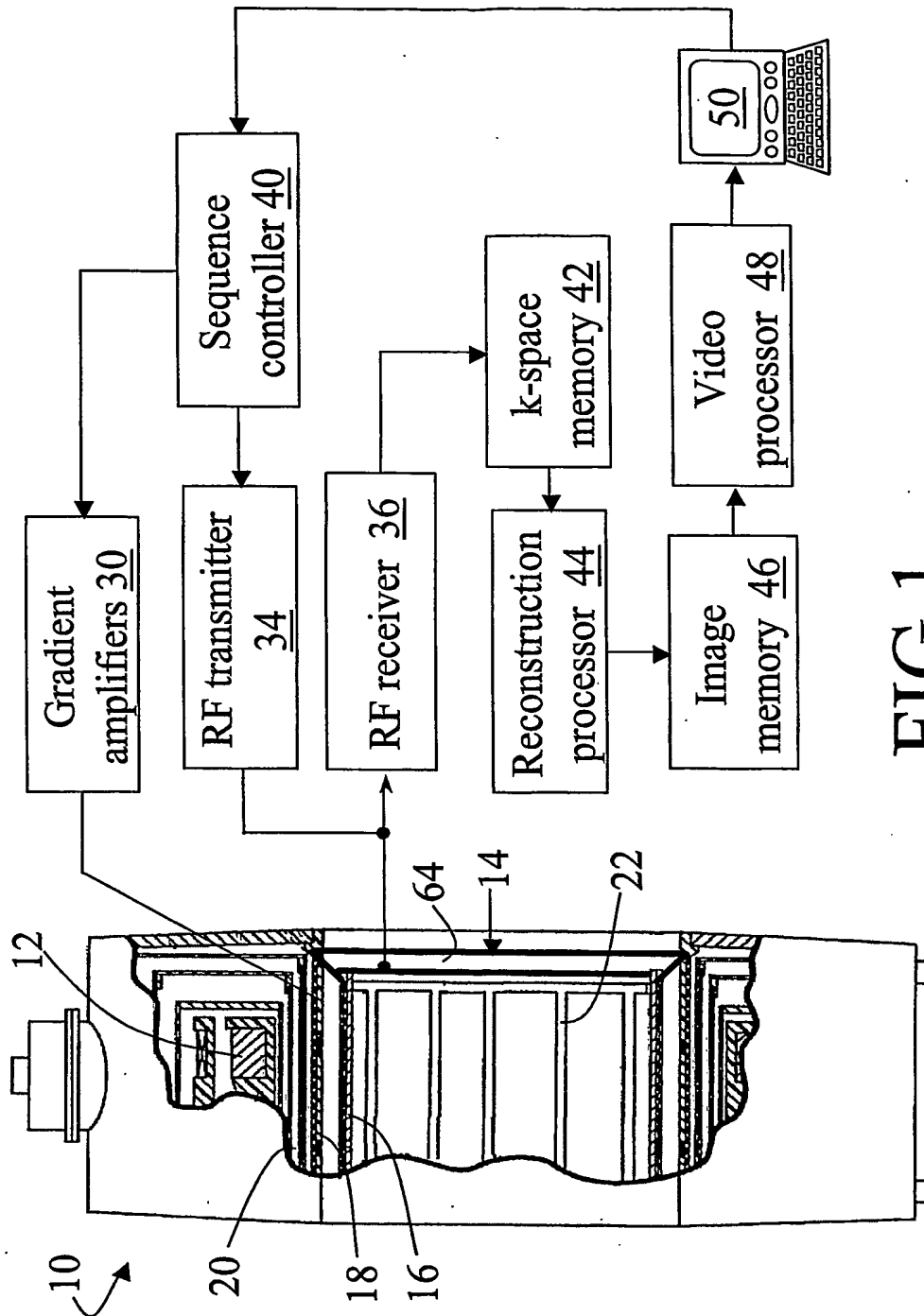


1/27



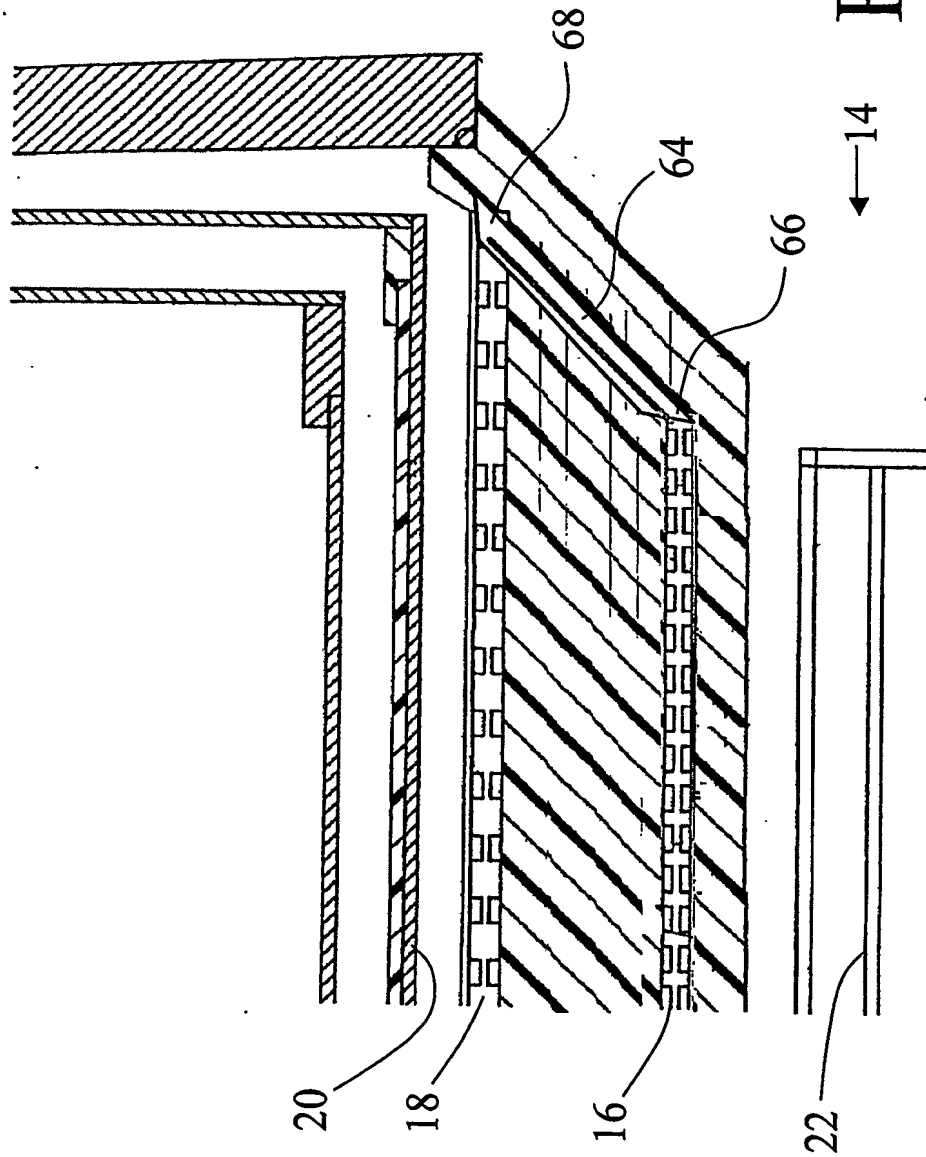
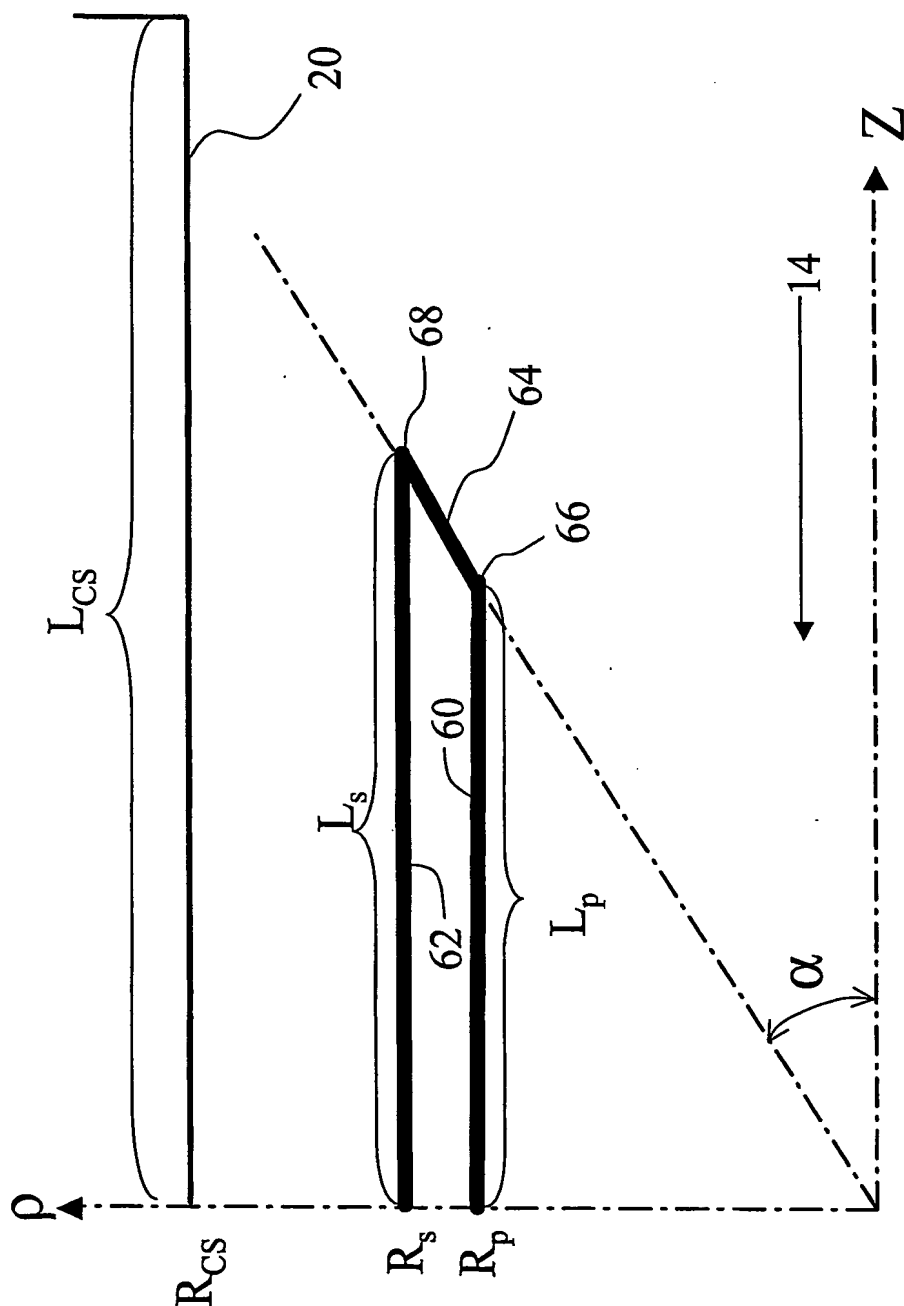
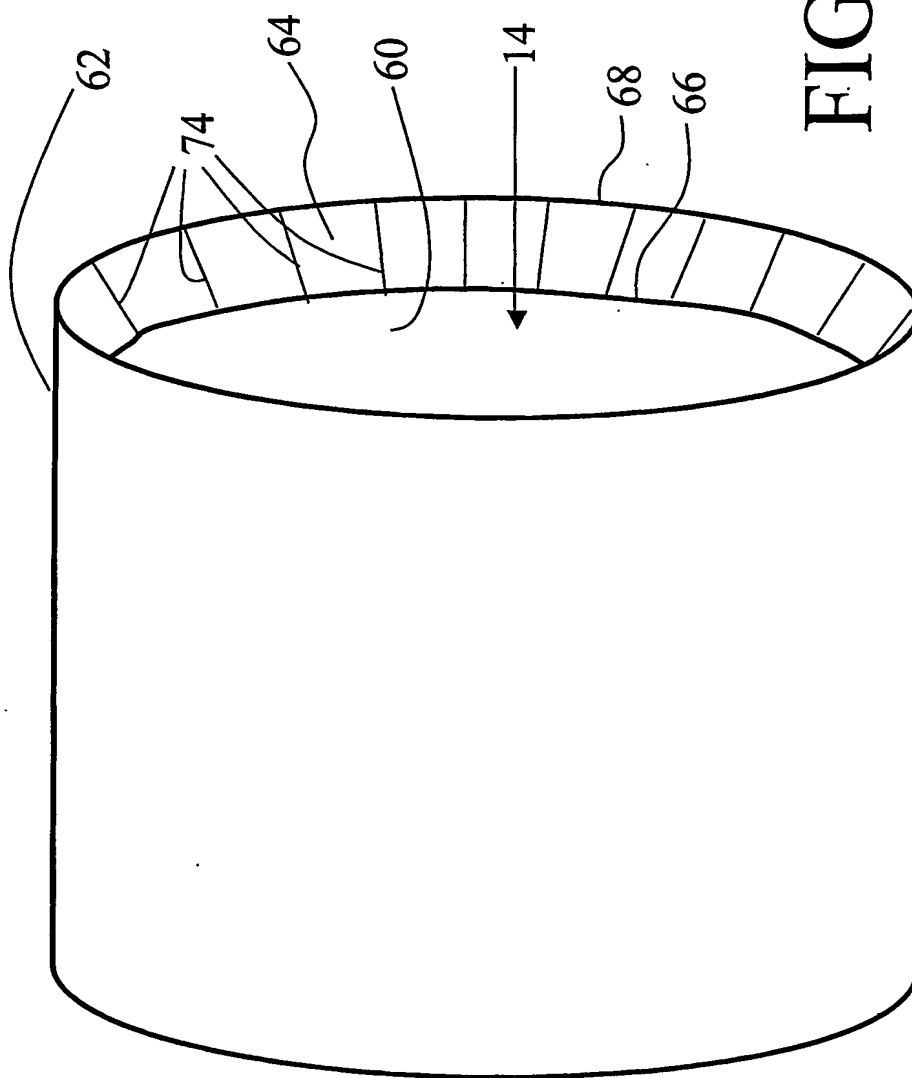
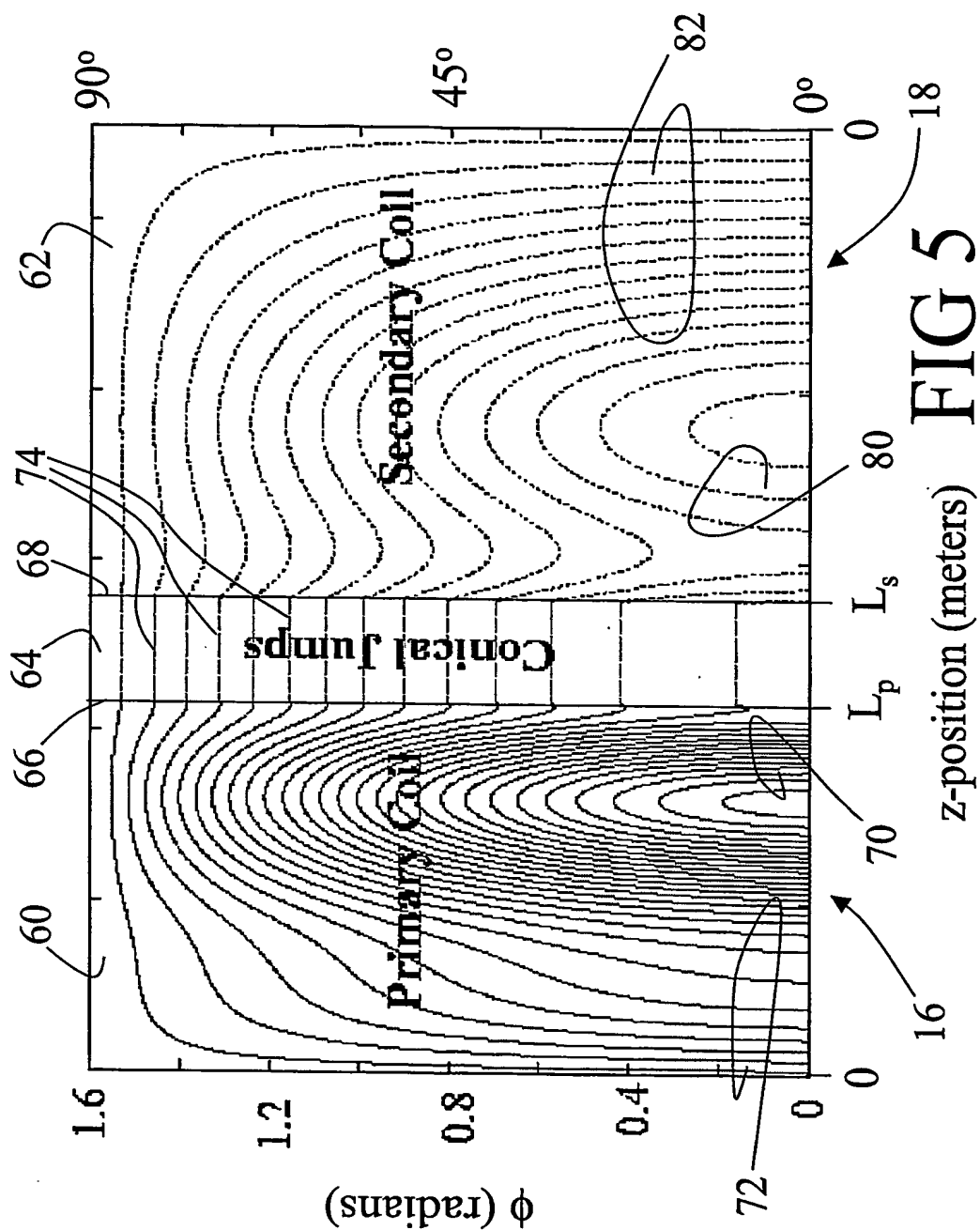


FIG 2







6/27

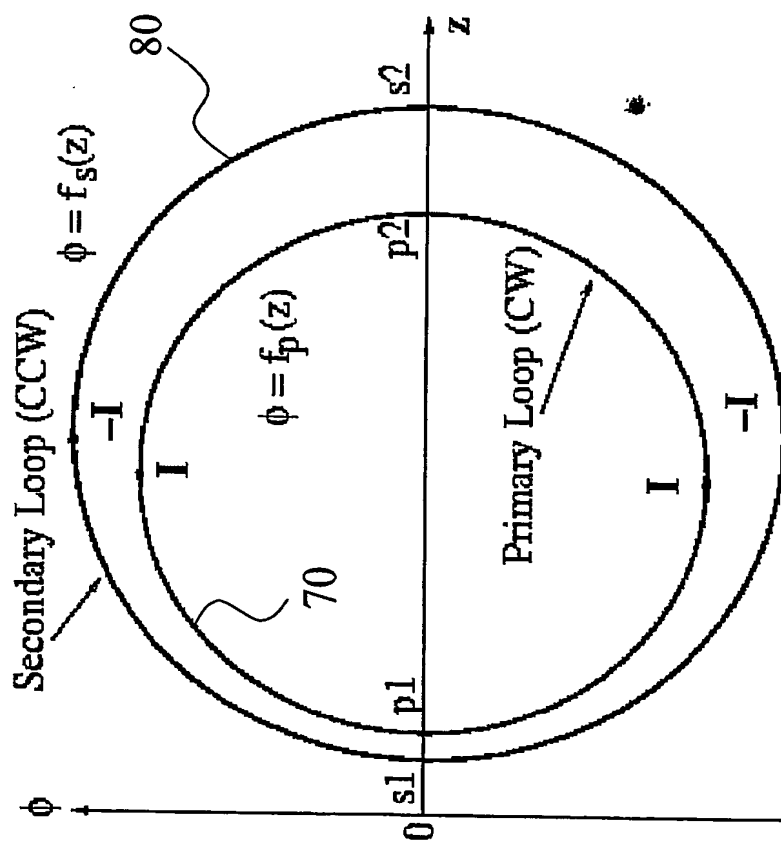


FIG 6

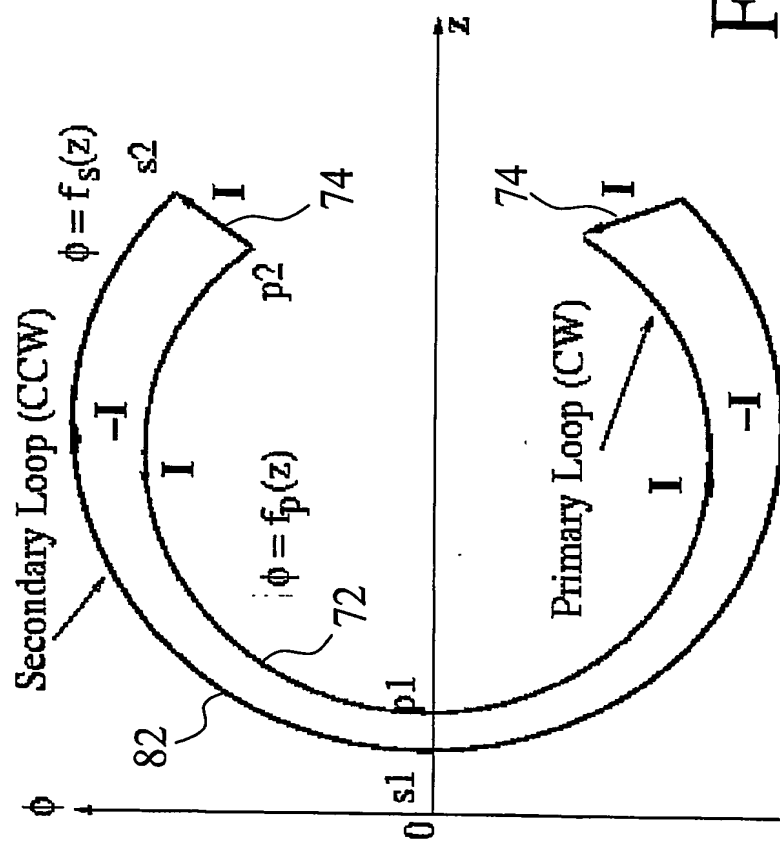
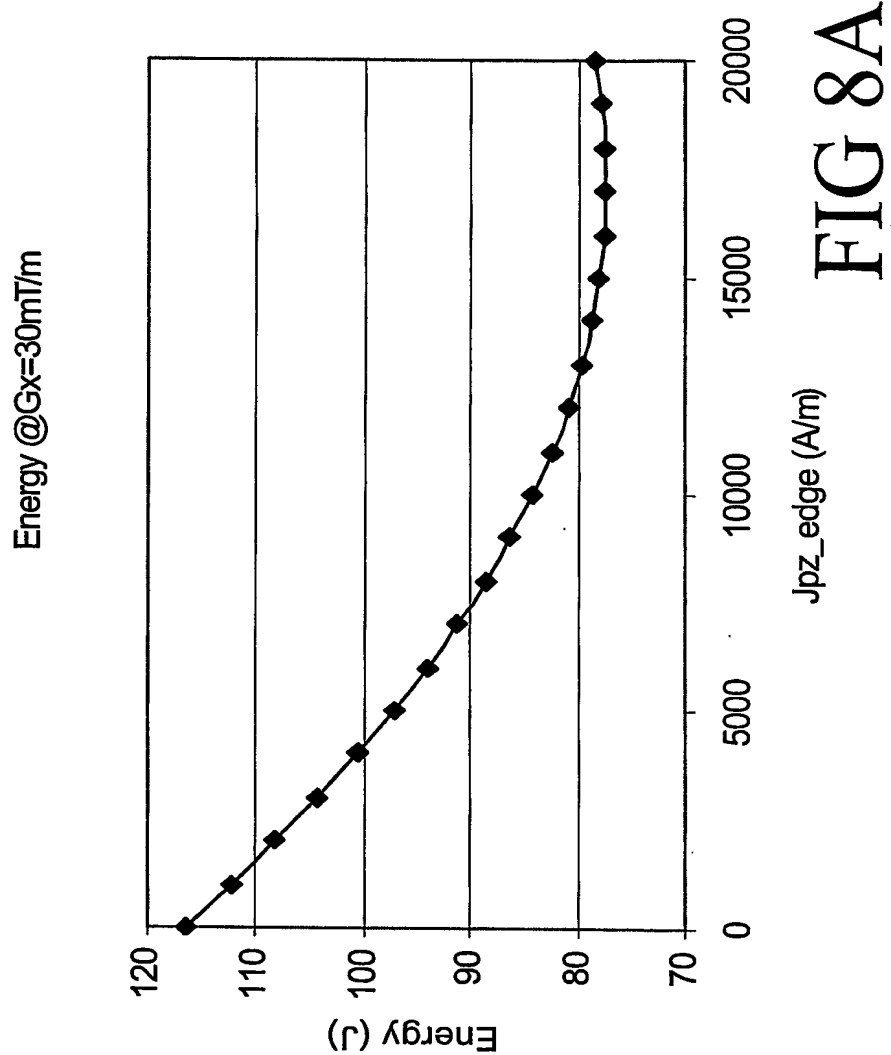


FIG 7

8/27



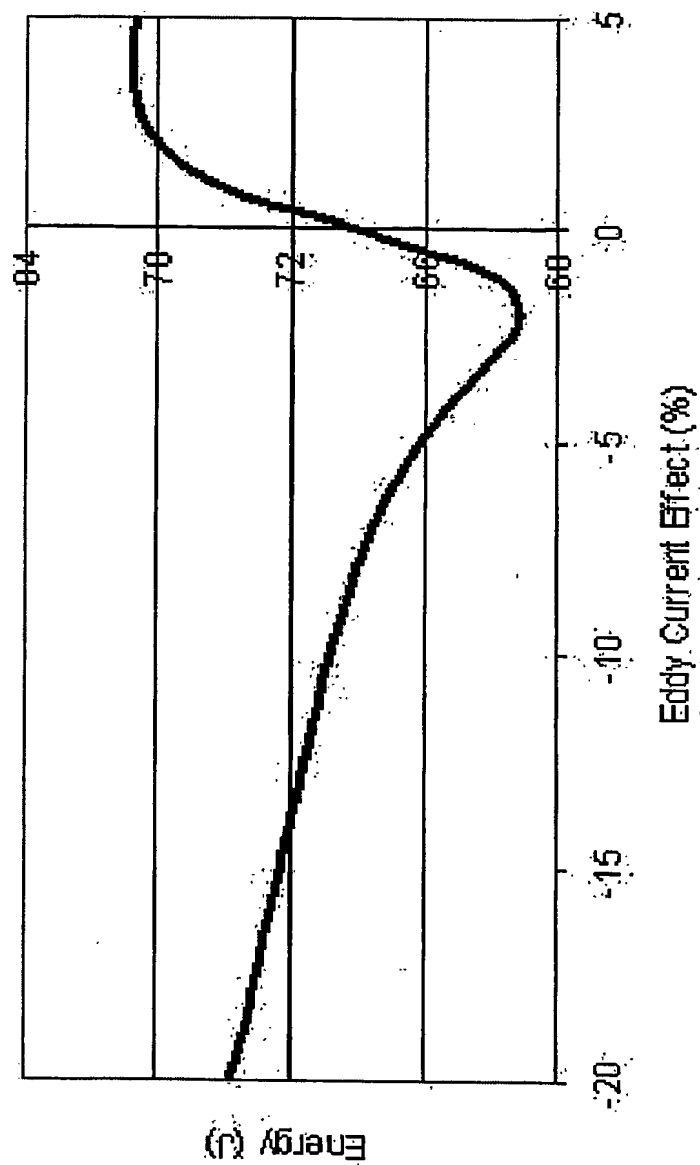


FIG 8B

10/27

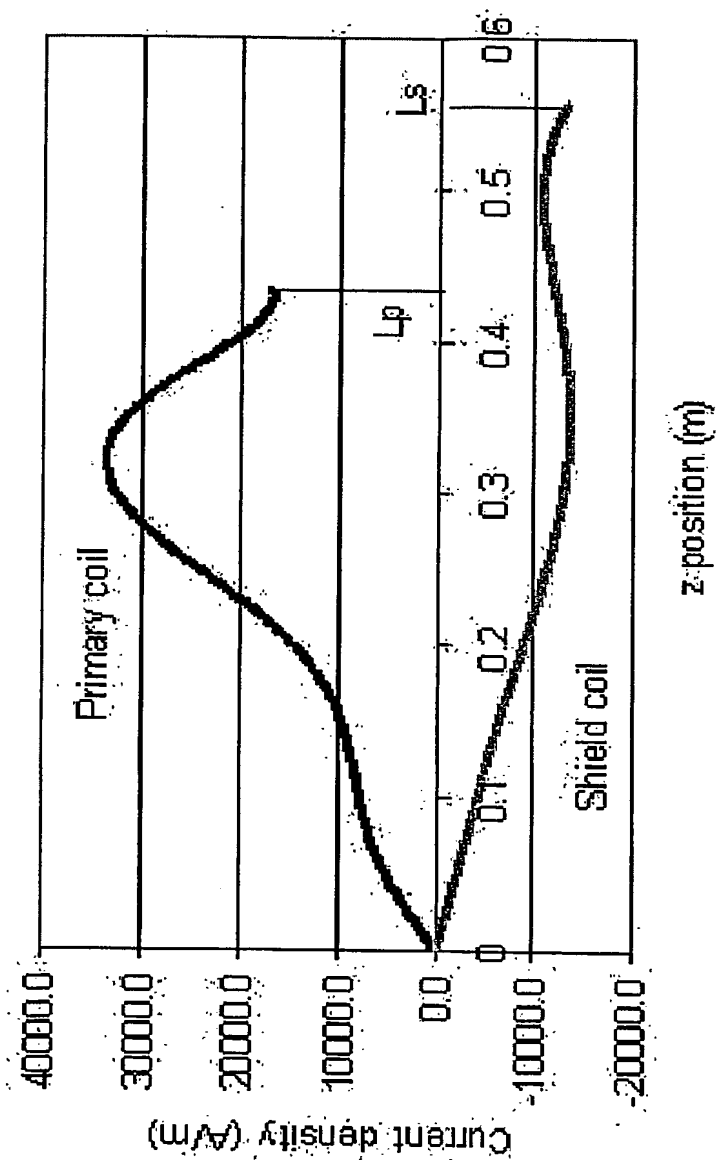


FIG 9

X Gradient: non-uniformity of the Gradient Strength
@ $p=0.001$ m. Continuous Current

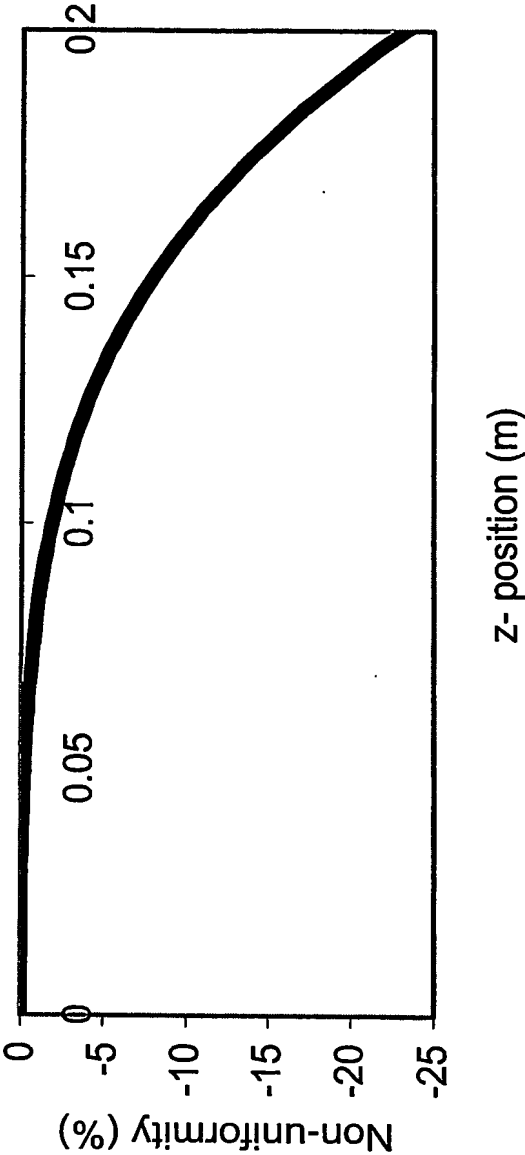
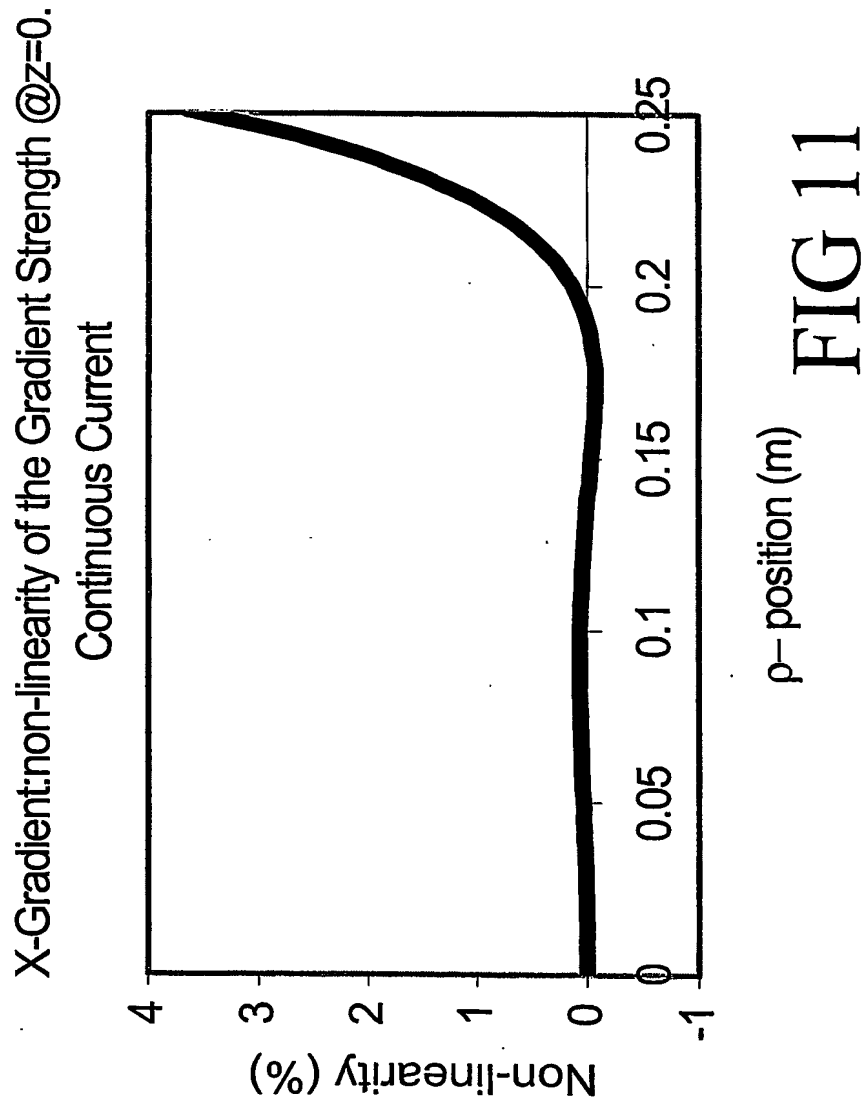


FIG 10

12/27



13/27

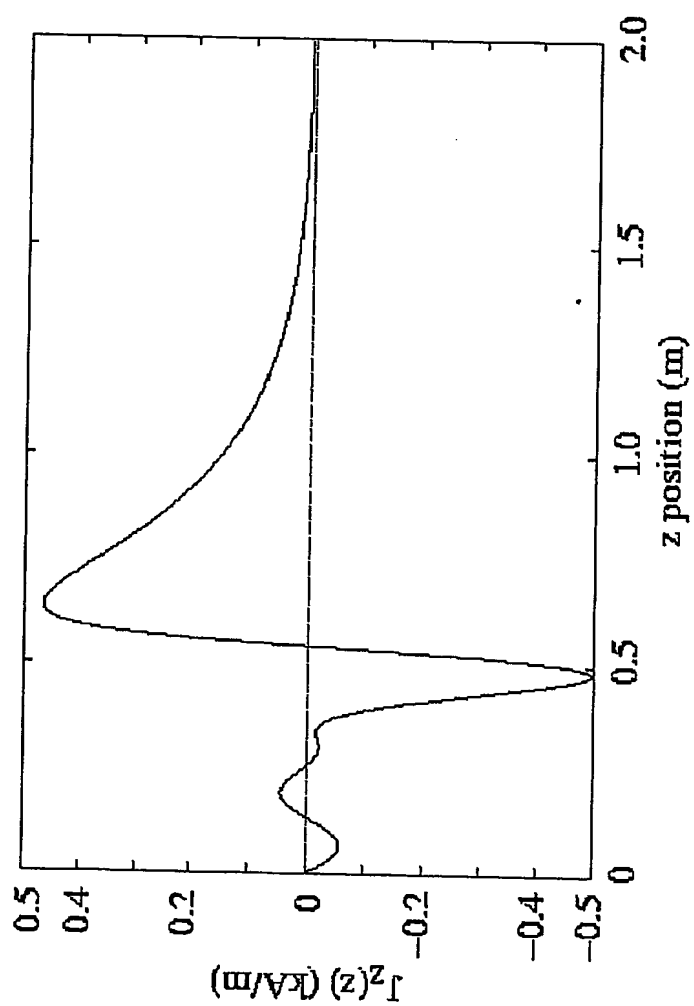


FIG 12

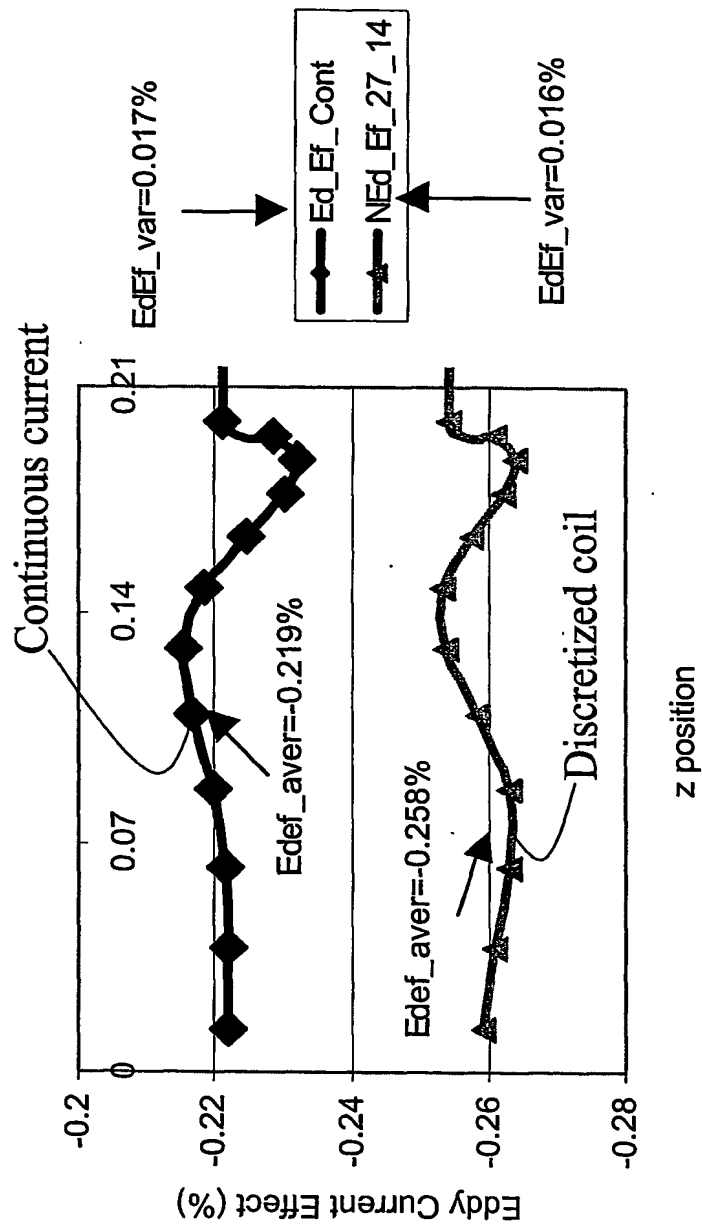


FIG 13

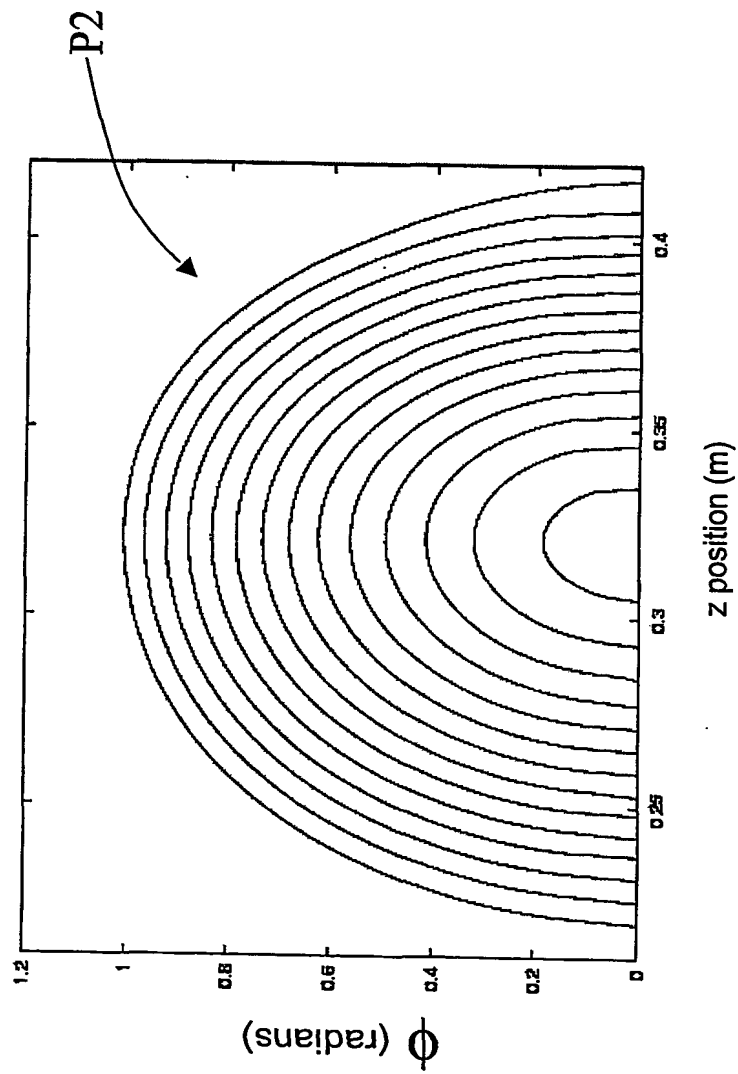


FIG 14

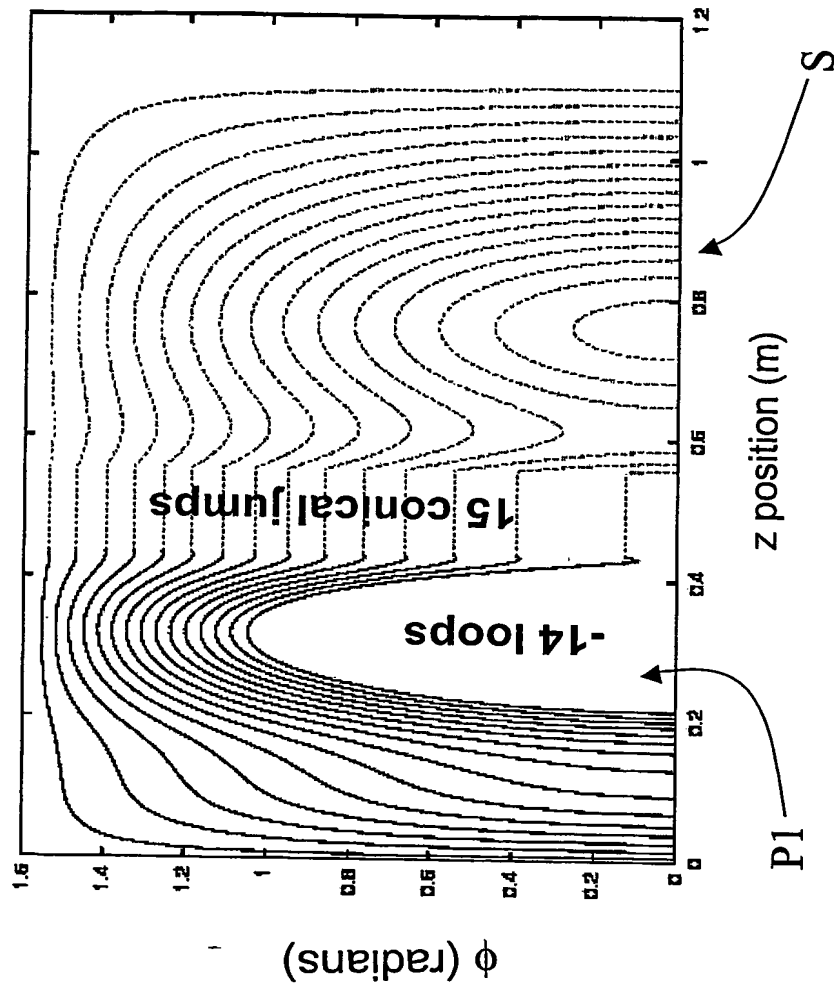


FIG 15

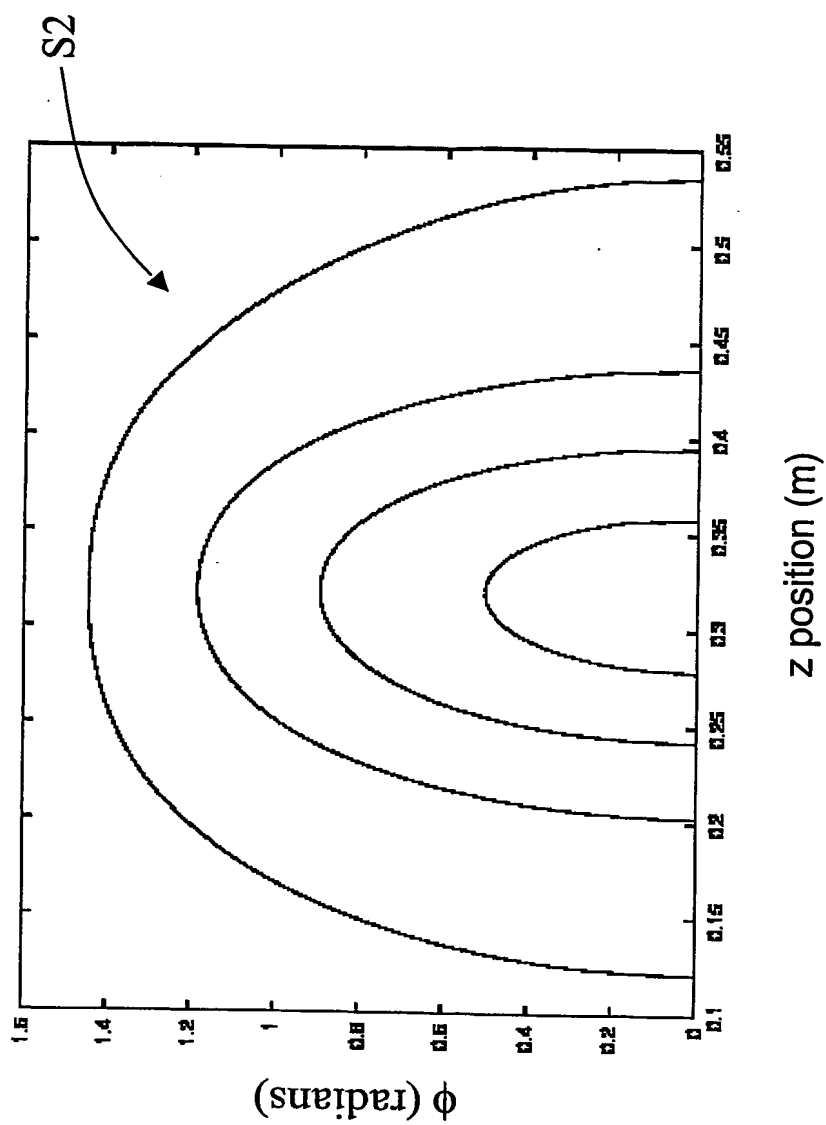


FIG 16

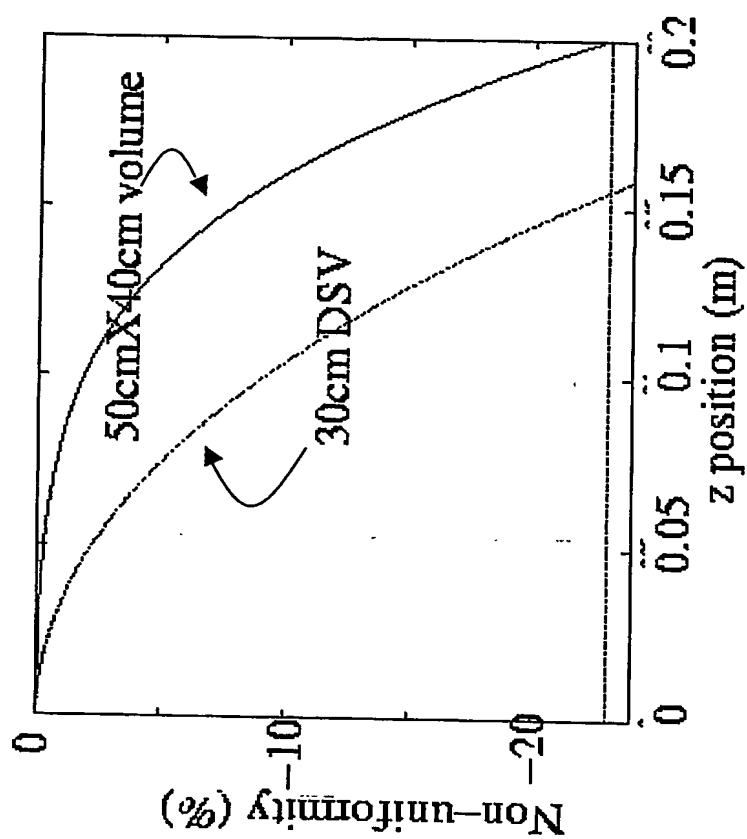


FIG 17

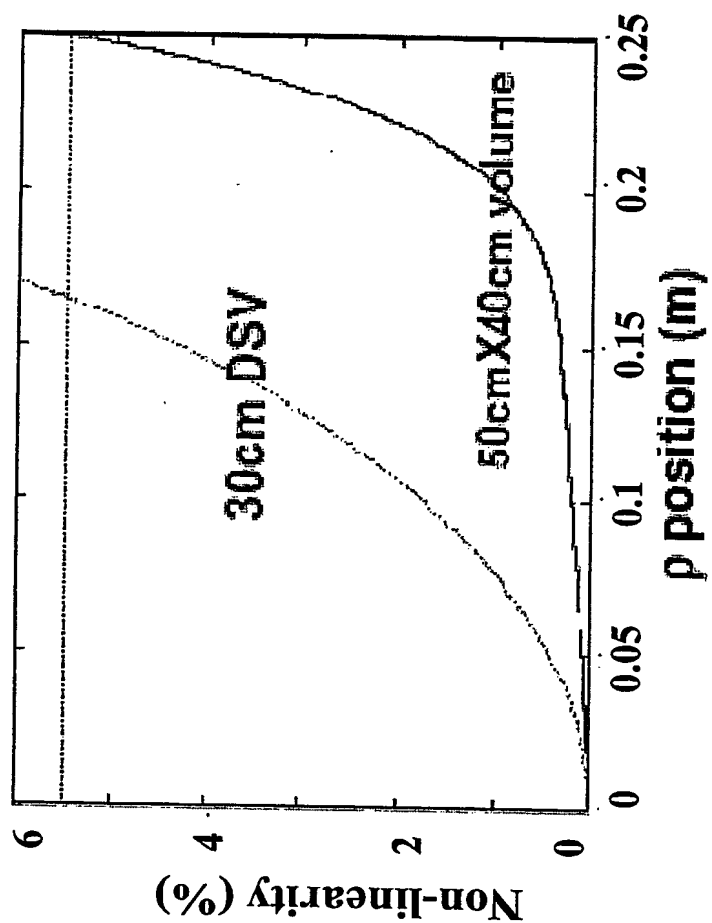
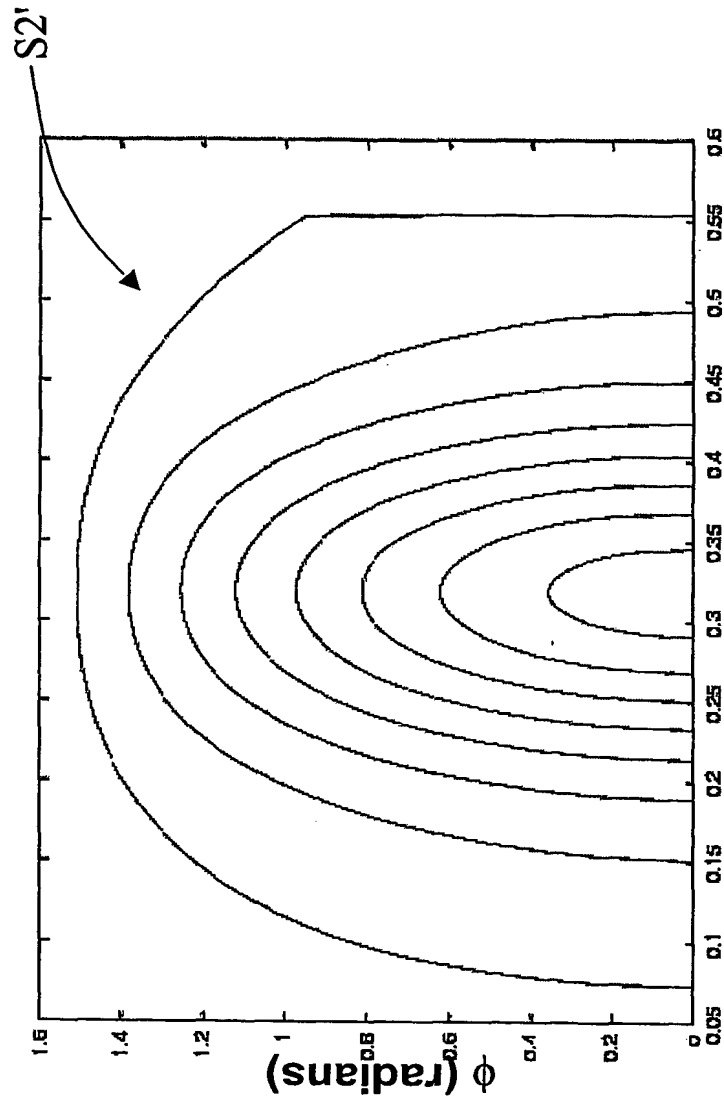


FIG 18

20/27



z position (m)

FIG 19

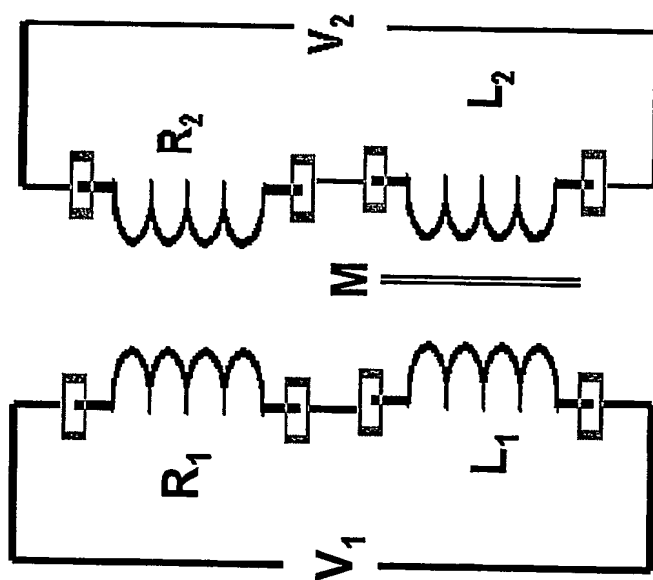


FIG 20

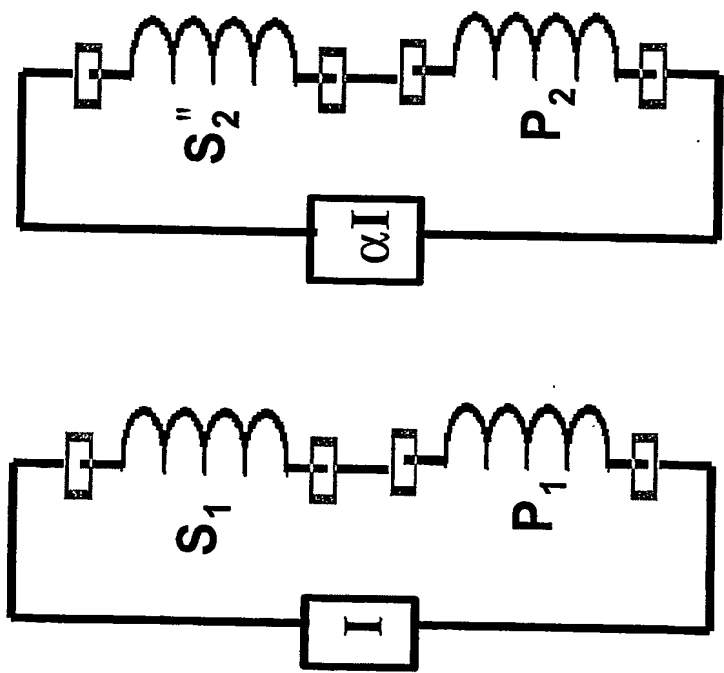


FIG 21

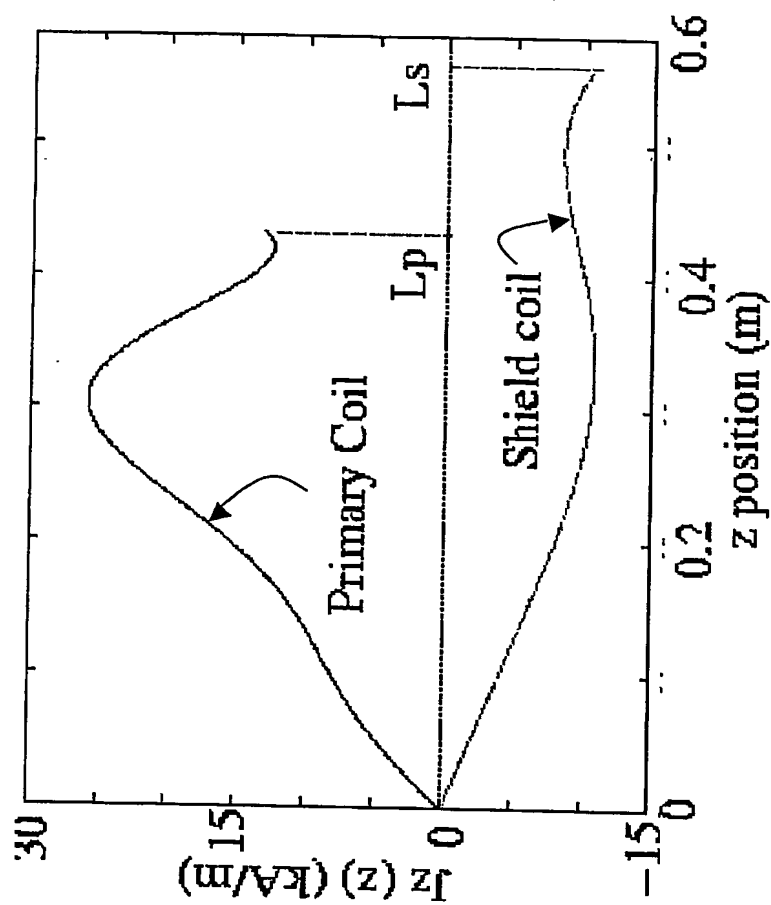


FIG 22

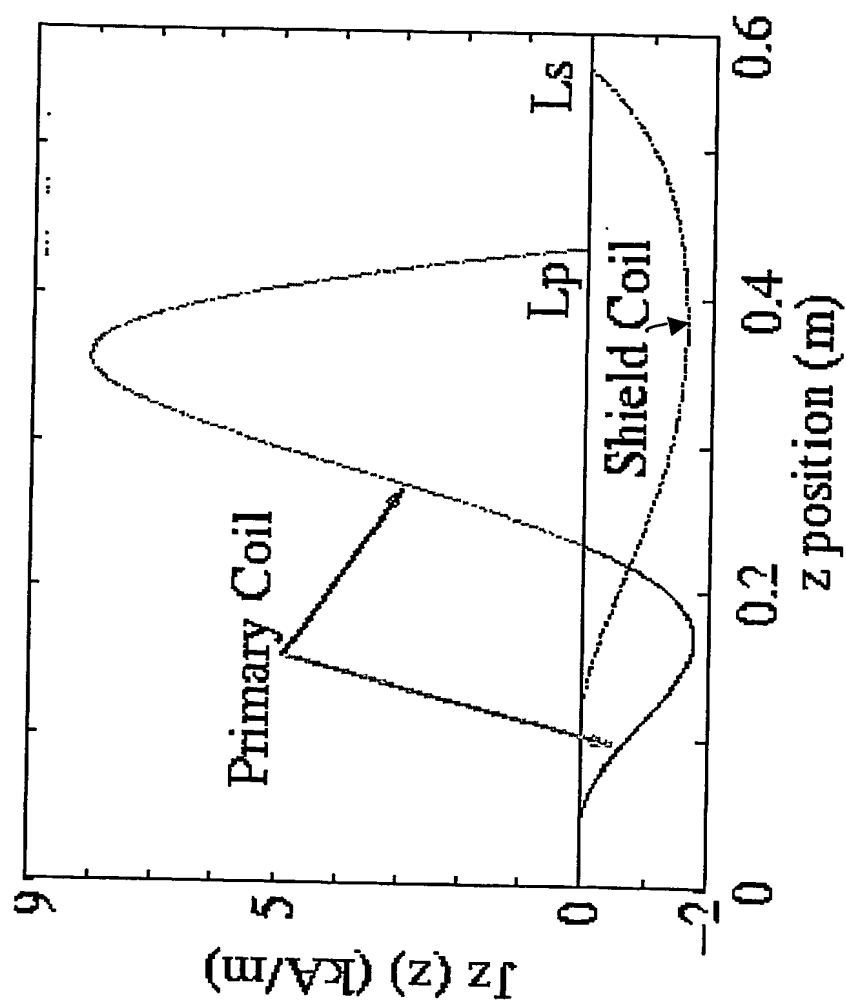


FIG 23

FIG 24

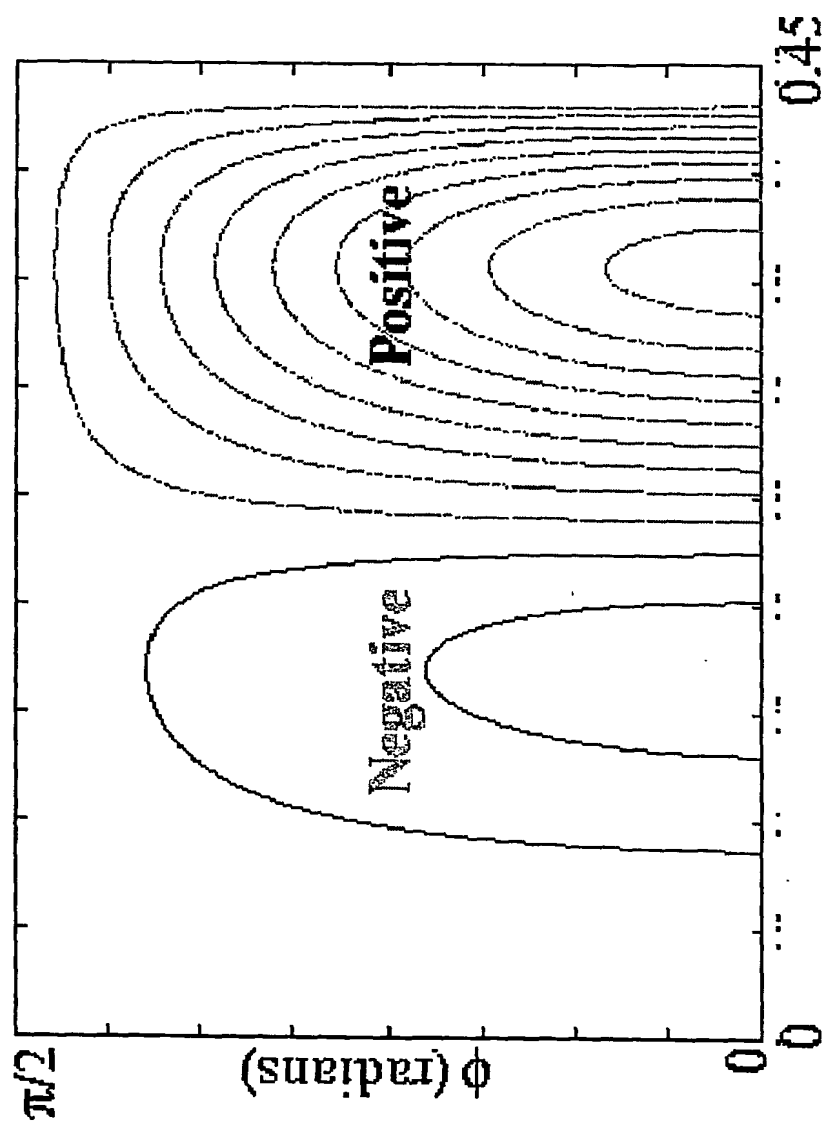


FIG 25

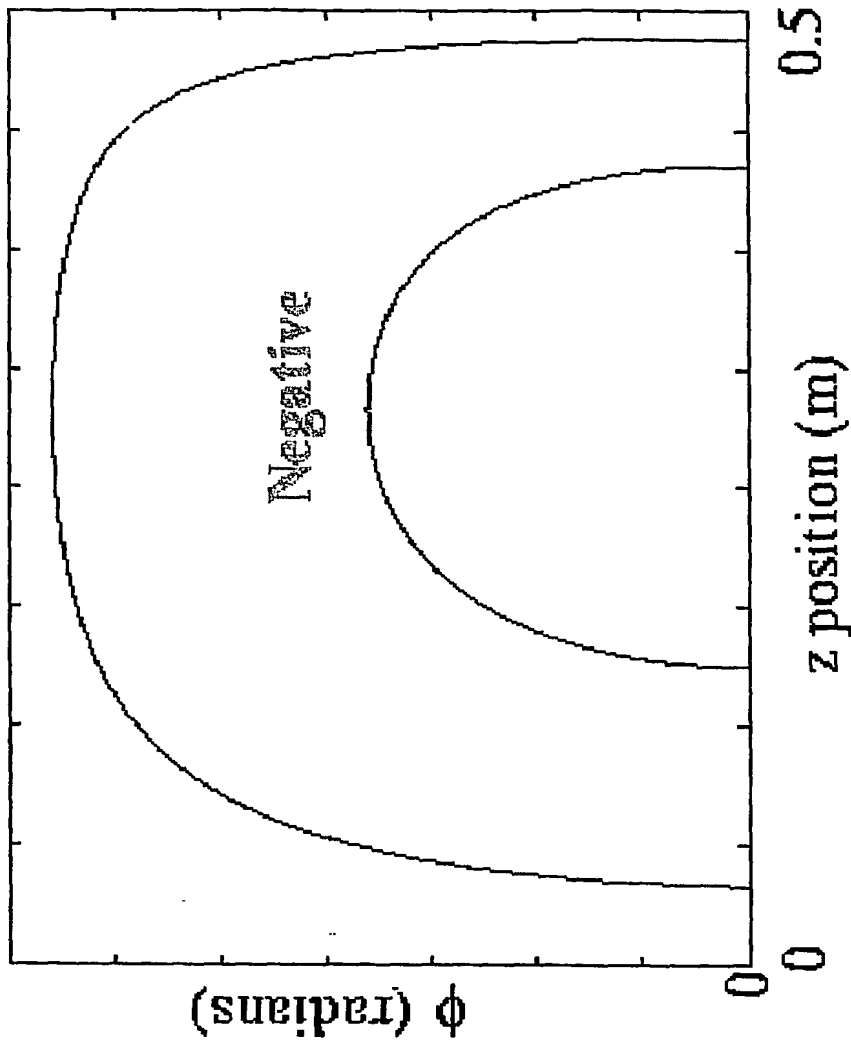


FIG 26